Claims:

1.   A method, comprising:

associating each of a plurality of processing elements with at least one
respective video server process;

assigning priority to said processing elements according to a hierarchy of
video server processes, each of said video server processes having a relative
priority level with respect to other video server processes;

adjusting said hierarchy of video server processes according to at least
one of monitored timing parameters, changes in system loading conditions,
changes in operating conditions and operating system scheduler requirements.

2.   The method of claim 1, further comprising:

adjusting said associations of processing elements and video server
processes in response to at least one of processing element loading, monitored
timing parameters, changes in system loading conditions, changes in system
operating conditions and operating system scheduler requirements.